Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 – 89. (Cancelled)

90. (New) A server for communicating packets between a plurality of client terminals and a plurality of application servers, the server comprising:

a monitor configured to obtain at least a first item of control information and a second item of control information from a packet received by the server;

a decider configured to determine whether to alter a statistic based at least partially on (i) a comparison of the first item of control information with an item of information related to a client terminal and (ii) a comparison of the second item of control information with a particular item of information related to an application server, said decider configured to alter the statistic in a case where it is determined to alter the statistic, said decider configured to decide whether to disconnect the client terminal from the server in a case where the client terminal is connected to the server based at least partially on a comparison of the statistic with a value of a disconnection condition parameter specified for the client terminal; and

a disconnecter configured to disconnect the client terminal from the server in a case where it is decided by the decider to disconnect the client terminal from the server.

91. (New) The server of claim 90,

wherein the first item of control information is a transmission address of the packet; and

wherein the second item of control information is a destination address of the packet.

92. (New) The server of claim 91,

wherein the disconnection condition parameter is a non-communication time period parameter;

wherein the statistic is a time period that has elapsed since the reception of any packet by the server with the transmission address and the destination address;

wherein the item of information related to the client terminal is a terminal address of the client terminal;

wherein the particular item of information related to the application server is an address of the application server; and

wherein the decider is configured to alter the statistic by resetting the statistic to a starting value in the case where it is determined to alter the statistic.

93. (New) The server of claim 91,

wherein the disconnection condition parameter is a data volume parameter;

wherein the statistic is a data volume of packets received by the server that have the transmission address and the destination address;

wherein the item of information related to the client terminal is a terminal address of the client terminal;

wherein the particular item of information related to the application server is an address of the application server; and

wherein the decider is configured to alter the statistic by updating the statistic to reflect reception of the packet in the case where it is determined to alter the statistic.

94. (New) The server of claim 91,

wherein the disconnection condition parameter is an allowable traffic level parameter;

wherein the statistic is a sum of data sizes of packets received by the server within a specified period of time that have the transmission address and the destination address;

wherein the item of information related to the client terminal is a terminal address of the client terminal;

wherein the particular item of information related to the application server is an address of the application server; and

wherein the decider is configured to alter the statistic by adding a data size of the packet to the statistic in the case where it is determined to alter the statistic.

95. (New) The server of claim 90,

wherein the first item of control information is a service identifier; and

wherein the second item of control information is a destination address of the packet.

96. (New) The server of claim 95,

wherein the disconnection condition parameter is a timeout time parameter;

wherein the statistic is a time period that has elapsed since the reception of any packet by the server with the service identifier and the destination address;

wherein the item of information related to the client terminal is a particular service identifier;

wherein the particular item of information related to the application server is an address of the application server; and

wherein the decider is configured to alter the statistic by resetting the statistic to a starting value in the case where it is determined to alter the statistic.

97. (New) The server of claim 90,

said decider configured to determine whether to alter the statistic based further on (i) a comparison of the first item of control information with the particular item of information related to the application server and (ii) a comparison of the second item of control information with the item of information related to the client terminal.

98. (New) A method in a server, the server for communicating packets between a plurality of client terminals and a plurality of application servers, the method comprising:

obtaining at least a first item of control information and a second item of control information from a packet received by the server;

determining whether to alter a statistic based at least partially on (i) a comparison of the first item of control information with an item of information related to a client terminal and (ii) a comparison of the second item of control information with a particular item of information related to an application server;

altering the statistic in a case where it is determined to alter the statistic;

deciding whether to disconnect the client terminal from the server in a case where the client terminal is connected to the server based at least partially on a comparison of the statistic with a value of a disconnection condition parameter specified for the client terminal; and

disconnecting the client terminal from the server in a case where it is decided to disconnect the client terminal from the server.

99. (New) The method of claim 98,

wherein the first item of control information is a transmission address of the packet; and

wherein the second item of control information is a destination address of the packet.

100. (New) The method of claim 99,

wherein the disconnection condition parameter is a non-communication time period parameter;

wherein the statistic is a time period that has elapsed since the reception of any packet by the server with the transmission address and the destination address;

wherein the item of information related to the client terminal is a terminal address of the client terminal;

wherein the particular item of information related to the application server is an address of the application server; and

wherein said altering the statistic comprises resetting the statistic to a starting value.

101. (New) The method of claim 99,

wherein the disconnection condition parameter is a data volume parameter;

wherein the statistic is a data volume of packets received by the server that have the transmission address and the destination address;

wherein the item of information related to the client terminal is a terminal address of the client terminal;

wherein the particular item of information related to the application server is an address of the application server; and

wherein said altering the statistic comprises updating the statistic to reflect reception of the packet.

102. (New) The method of claim 99,

wherein the disconnection condition parameter is an allowable traffic level parameter;

wherein the statistic is a sum of data sizes of packets received by the server within a specified period of time that have the transmission address and the destination address;

wherein the item of information related to the client terminal is a terminal address of the client terminal;

wherein the particular item of information related to the application server is an address of the application server; and

wherein said altering the statistic comprises adding a data size of the packet to the statistic.

103. (New) The method of claim 98,

wherein the first item of control information is a service identifier; and

wherein the second item of control information is a destination address of the packet.

104. (New) The method of claim 103,

wherein the disconnection condition parameter is a timeout time parameter;

wherein the statistic is a time period that has elapsed since the reception of any packet by the server with the service identifier and the destination address;

wherein the item of information related to the client terminal is a particular service identifier;

wherein the particular item of information related to the application server is an address of the application server; and

wherein said altering the statistic comprises resetting the statistic to a starting value.

105. (New) The method of claim 98,

said determining whether to alter the statistic based further on (i) a comparison of the first item of control information with the particular item of information related to the

application server and (ii) a comparison of the second item of control information with the item of information related to the client terminal.

106. (New) A computer readable storage medium in which a program is stored, said program causing a server to execute a process, said server for communicating packets between a plurality of client terminals and a plurality of application servers, said process comprising:

obtaining at least a first item of control information and a second item of control information from a packet received by the server;

determining whether to alter a statistic based at least partially on (i) a comparison of the first item of control information with an item of information related to a client terminal and (ii) a comparison of the second item of control information with a particular item of information related to an application server;

altering the statistic in a case where it is determined to alter the statistic;

deciding whether to disconnect the client terminal from the server in a case where the client terminal is connected to the server based at least partially on a comparison of the statistic with a value of a disconnection condition parameter specified for the client terminal; and

disconnecting the client terminal from the server in a case where it is decided to disconnect the client terminal from the server.

107. (New) The computer readable storage medium of claim 106,

wherein the first item of control information is a transmission address of the packet; and

wherein the second item of control information is a destination address of the packet.

108. (New) The computer readable storage medium of claim 107,

wherein the disconnection condition parameter is a non-communication time period parameter;

wherein the statistic is a time period that has elapsed since the reception of any packet by the server with the transmission address and the destination address;

wherein the item of information related to the client terminal is a terminal address of the client terminal;

wherein the particular item of information related to the application server is an address of the application server; and

wherein said altering the statistic comprises resetting the statistic to a starting value.

109. (New) The computer readable storage medium of claim 107,

wherein the disconnection condition parameter is a data volume parameter;

wherein the statistic is a data volume of packets received by the server that have the transmission address and the destination address;

wherein the item of information related to the client terminal is a terminal address of the client terminal;

wherein the particular item of information related to the application server is an address of the application server; and

wherein said altering the statistic comprises updating the statistic to reflect reception of the packet.

110. (New) The computer readable storage medium of claim 107,

wherein the disconnection condition parameter is an allowable traffic level parameter;

wherein the statistic is a sum of data sizes of packets received by the server within a specified period of time that have the transmission address and the destination address;

wherein the item of information related to the client terminal is a terminal address of the client terminal;

wherein the particular item of information related to the application server is an address of the application server; and

wherein said altering the statistic comprises adding a data size of the packet to the statistic.

111. (New) The computer readable storage medium of claim 106,

wherein the first item of control information is a service identifier; and

wherein the second item of control information is a destination address of the packet.

112. (New) The computer readable storage medium of claim 111,

wherein the disconnection condition parameter is a timeout time parameter;

wherein the statistic is a time period that has elapsed since the reception of any packet by the server with the service identifier and the destination address;

wherein the item of information related to the client terminal is a particular service identifier;

wherein the particular item of information related to the application server is an address of the application server; and

wherein said altering the statistic comprises resetting the statistic to a starting value.

113. (New) The computer readable storage medium of claim 106,

said determining whether to alter the statistic based further on (i) a comparison of the first item of control information with the particular item of information related to the application server and (ii) a comparison of the second item of control information with the item of information related to the client terminal.